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(71)Applicant : KAKEN PHARMACEUT CO LTD

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(72)Inventor : NAKANO JUN
NAGAHARA MICHIKO
HAYASHIDA MITSUO
SUZUKI YUJI
MARUYAMA YOICHI
HORI TOSHIMITSU
SAKAI AKIRA

(54) BENZOFURAN DERIVATIVE, PRODUCTION THEREOF, AND HYPOTENSOR CONTAINING SAID DERIVATIVE AS ACTIVE COMPONENT

(57)Abstract:

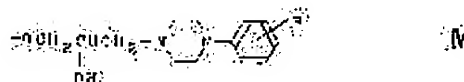
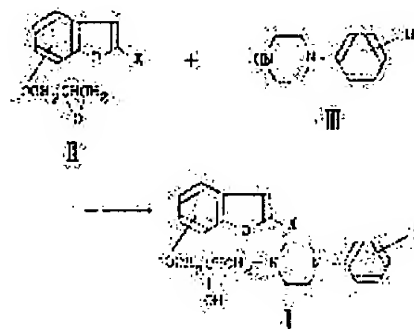
NEW MATERIAL: The compound of formula I (X is acetyl or lower alkoxy; R is lower alkoxy or lower alkyl substituted arbitrarily to o-, m- or p-position relative to piperazinyl; the group of formula IV is substituted arbitrarily to 4W7-position of benzofuran ring) or its salt.

EXAMPLE:

2-Acetyl-5-{2-hydroxy-3-[4-(2-methylphenyl)piperazinyl]-p-ropoxy} benzofuran.

USE: Effective as a hypotensor, a remedy for stenocardia, an agent for improving peripheral circulation and an agent for improving cerebral circulation. It has decreased side effects, strong β-adrenalin blocking action and Ca-antagonistic action.

PREPARATION: The compound of formula I can be produced, e.g. by reacting a 2,3-epoxypropoxybenzofuran derivative of formula II (some of which are novel) with an N-phenylpiperazine derivative of formula III or its salt in an organic solvent such as dioxane at room temperature W 100°C for 15minW10hr.



LEGAL STATUS